MUSKAAN DHADWAL

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EDUCATION

- **University of Michigan - Ann Arbor, MI**   Aug 2022 - May 2024 (expected)
  Master of Science in Information (Human Computer Interaction)
- **SRM IST (KTR campus) - Chennai, India**   May 2017 - June 2021
  Bachelor of Technology (Computer Science and Engineering)
  CGPA: 8.99/10

ACADEMIC PROJECTS

Indian Crop Production: Prediction and Model Deployment using ML and Streamlit   Duration: Jan – Jun 2021
Role: Front-end and Back-end Integrator   SRM IST - Chennai, India
- Did a comprehensive analysis to develop a low cost & easy implementation suitable for the problem statements by comparing algorithms
- Removed the deficiency of good and comprehensive visualization and interpretation of the entire problem statement.
- Deployed the whole research to an Interactive Data Driven Web Application.

Technology Used: Python, Jupyter notebook, Anaconda, Streamlit, Heroku, GitHub
Team Size: 2
https://github.com/MuskaanDhadwal/Agricultural-Scenario-India

E-commerce Website,Vereo Edutech   Duration: Jul - Aug 2020
Role: Front End Developer   Remote
- Designed the front-end of an e-commerce interior designing website by collaborating with various team members using web development technologies.

Technology Used: HTML, CSS , Javascript.
GitHub - MuskaanDhadwal/major-project.github.io.

Online Examination Portal   Duration: Sep 2019 - Oct 2019
Role: Front End Developer   SRM IST - Chennai, India
- Created an online examination portal to demonstrate working of RDBMS by using PhpMyAdmin for making and storing various tables related to the database.

Technology Used: HTML, CSS for developing the frontend and PHP to make the webpage dynamic and for validating admin login.
Team Size: 2
GitHub - MuskaanDhadwal/Online-examination-portal1

INTERNSHIPS/INDUSTRIAL TRAINING

Supagrow   Duration: May 2022 - Jun 2022
Intern   Remote
- Contributed towards designing high fidelity wireframes, color palettes , site-maps and prototyping website according to client's specifications.

Verzeo Edutech   Duration: Jun - Aug 2020
Intern   Remote
- The remote Internship involved us in gaining skills in both front-end and back-end technologies like HTML, CSS, JavaScript, PHP and SQL and finally submitted a major-project for the same.
- Learned hands-on how to use various web development technologies for programming and designing websites.

Satluj Jal Vidyut Nigam (SJVN)   Duration: Jun - Jun 2019
Intern   Shimla, India
- Developed an insight about the basics of computer networks and introduction to web development. A report on the same was submitted to the company.
- Gained hands-on knowledge of the basics of computer networks and web development.

PUBLICATIONS

- **Indian Crop Production: Prediction and Model Deployment using ML and Streamlit**, Turkish Journal of Physiotherapy and Rehabilitation, May 2021 | **Link:** https://turkjphysiotherrehabil.org/pub/pdf/321/32-1-224.pdf

CERTIFICATIONS

Visual Elements of User Interface Design   Coursera, Oct 2020
- Learned to design and articulate meaning using color, type, and imagery to make interfaces function seamlessly.

Human Centered Design: An Introduction   Coursera, Apr 2020
- Learned several techniques for rapidly prototyping (such as Wizard of Oz Prototyping) and evaluating multiple interface alternatives and why rapid prototyping and comparative evaluation are essential to excellent interaction design.

Web Development using PHP and MySQL   Skyfi Labs, Aug 2020
- Learned to implement the back-end technologies used during web development like PHP & SQL to develop interactive websites.

Data Science for Engineers   NPTEL, Nov 2019
- Introduced to R as a programming language and the mathematical foundations required for data science.

Web Applications using PHP   Coursera, Oct 2019
- Learned the functioning of the request/response cycle, including GET/POST/Redirect and the basic syntax and data structures of the PHP language, variables, logic, iteration, arrays, error handling and super global variables, among other elements.

WORKSHOPS/CAMPUS INVOLVEMENT

- **Python Programming,** Diginique Tech Labs in association with cognizance'20 IIT Roorkee   Apr 2020
- **Fundamentals of Graphic Design Workshop, Elektra'20**, EEE Association SRM IST   Feb 2020
- **Machine Learning with TensorFlow,** DSC SRM(Google Developers Student Club)   Aug 2019
- **ML101 with TensorFlow,** DSC SRM(Google Developers Student Club)   Apr 2019
- **Hands on Python,** SRM team Humanoid in collaboration with IEEE   Feb 2019

ROLE OF RESPONSIBILITY

Google Developers Student Club (DSC)   Duration: Mar – Jun 2019
Design team member   SRM IST - Chennai, India
- Brainstorming ideas and Designing logos, stickers for events as a creative domain team member.

TECHNICAL SKILLS

- **Programming Tools:** C, C++, Java, Python -3, HTML + CSS, JavaScript, MySQL, PHP, Streamlit
- **Software:** Figma, Xampp, PhpMyAdmin, Adobe Xd. Jupyter Notebook, Anaconda, Heroku, Github
- **Operating System:** Windows
- **Microsoft Office Suite:** Word, PowerPoint

AWARDS AND ACHIEVEMENTS

- 1st (group), Electronically Controlled Hydraulic Crane, Dept. of Physics and Nanotechnology, SRM IST   Oct 2017
- Won running School Trophy for Proficiency in Mathematics, Loreto Convent Tara Hall Shimla   Dec 2016
- Letter of Appreciation from HRD ministry, Government of India for securing 10 CGPA in class X   Jul 2015